

## INDEX OF VOLUME VI

Agarwal, R. P. *On Bessel polynomials*, 410  
Agmon, S. *The relaxation method for linear inequalities*, 382  
Atkinson, F. V. *On linear perturbation of non-linear differential equations*, 561  
Barrett, J. H. *Differential equations of non-integer order*, 529  
Behrend, F. A. *The Steinitz-Gross theorem on sums of vectors*, 108  
Botts, T. *On lattice embeddings for partially ordered sets*, 525  
Briggs, W. E. *An elementary proof of a theorem about the representation of primes by quadratic forms*, 353  
— *See Chowla and Briggs*  
Brouwer, L. E. J. *Points and spaces*, 1  
Burrow, M. D. *A generalization of the Young diagram*, 498  
Butts, H., Hall, M., Jr., and Mann, H. B. *On integral closure*, 471  
Butzer, P. L. and Kozakiewicz, W. *On the Riemann derivatives for integrable functions*, 572  
Carlitz, L. *The first factor of the class number of a cyclic field*, 23  
Chowla, S. and Briggs, W. E. *On discriminants of binary quadratic forms with a single class in each genus*, 463  
Coddington, E. A. *The spectral matrix and Green's function for singular self-adjoint boundary value problems*, 169  
Cohn, H. *Stable lattices: Part II*, 265  
Cohn, P. M. *On homomorphic images of special Jordan algebras*, 253  
Connor, W. S. *See Hall and Connor*  
Conte, S. D. and Sangren, W. C. *An expansion theorem for a pair of singular first order equations*, 554  
Dieudonné, J. *Les isomorphismes exceptionnels entre les groupes classiques finis*, 305  
Duff, G. F. D. *On linear partial differential equations of the second order having geodesic solutions*, 73  
— *A tensor boundary value problem of mixed type*, 427  
Duncan, D. G. *Note on the algebra of S-functions*, 509  
Frame, J. S. and Robinson, G. de B. *On a theorem of Osima and Nagao*, 125  
Frame, J. S., Robinson, G. de B. and Thrall, R. M. *The hook graphs of the symmetric group*, 316  
Fraser, D. A. S. *Completeness of order statistics*, 42  
— *Non-parametric theory: scale and location parameters*, 46  
Garabedian, P. R. and Schiffer, M. *On a double integral variational problem*, 441  
Gormsen, S. T. *See Hutcherson and Gormsen*  
Grothendieck, A. *Sur certains sous-espaces vectoriels de  $L^p$* , 158  
Hall, M., Jr. and Connor, W. S. *An embedding theorem for balanced incomplete block designs*, 35  
Hall, M., Jr. *See Butts, Hall, and Mann*  
Hamilton, O. H. *A short proof of the Cartwright-Littlewood fixed point theorem*, 522  
Hanson, H. A. *Some relations between various types of normality of numbers*, 477  
Henderson, G. P. *Parallel curves*, 99  
Hutcherson, W. R. and Gormsen, S. T. *Maps of certain algebraic curves invariant under cyclic involutions of periods three, five, and seven*, 92  
Jennings, S. A. *Substitution groups of formal power series*, 325  
Kaplansky, I. *Ring isomorphisms of Banach algebras*, 374  
Kemperman, J. H. B. and Scherk, P. *On sums of sets of integers*, 238  
Kemperman, J. H. B. *See Scherk and Kemperman*  
Kozakiewicz, W. *See Butzer and Kozakiewicz*

Lapidus, L. *See* Nordhaus and Lapidus

Lehmer, E. *On the cyclotomic numbers of order sixteen*, 449

Lorentz, G. G. and Robinson, A. *Core-consistency and total inclusion for methods of summability*, 27

Lukacs, E and Szász, O. *Certain Fourier transforms of distributions: Part II*, 186

Macphail, M. S. *On some recent developments in the theory of series*, 405

McShane, E. J. *A theory of convergence*, 161

Mann, H. B. *On an exceptional phenomenon in certain quadratic extensions*, 474  
— *See* Butts, Hall, and Mann

Meyer, B. *On the symmetries of spherical harmonics*, 135

Mitchell, B. E. *Unitary transformations*, 69

Motzkin, T. S. and Schoenberg, I. J. *The relaxation method for linear inequalities*, 393

Nordhaus, E. A. and Lapidus, L. *Brouwerian geometry*, 217

Osima, M. *Some remarks on the characters of the symmetric group: Part II*, 511

Pan, T. K. *On a generalization of the first curvature of a curve in a hypersurface of a Riemannian space*, 210

Pol, B. van der. *See* van der Pol

Protter, M. H. *The Cauchy problem for a hyperbolic second order equation with data on the parabolic line*, 542

Putnam, C. R. *On the continuous spectra of singular boundary value problems*, 420

Robinson, A. *See* Lorentz and Robinson

Robinson, G. de B. *On the modular representations of the symmetric group: Part IV*, 486  
— *See* Frame and Robinson  
— *See* Frame, Robinson, and Thrall

Rooney, P. G. *An inversion and representation theory for the Laplace integral of abstractly-valued functions*, 190

Sangren, W. C. *See* Conte and Sangren

Scherk, P. and Kemperman, J. H. B. *Complexes in Abelian groups*, 230

Scherk, P. *See* Kemperman and Scherk

Schiffer, M. *See* Garabedian and Schiffer

Schoenberg, I. J. *See* Motzkin and Schoenberg

Shapiro, V. L. *Logarithmic capacity of sets and double trigonometric series*, 582

Shephard, G. C. *A construction for Wythoffian polytopes*, 128

Shephard, G. C. and Todd, J. A. *Finite unitary reflection groups*, 274

Sprott, D. A. *A note on balanced incomplete block designs*, 341

Sternberg, H. M. and Sternberg, R. L. *A two-point boundary problem for ordinary self-adjoint differential equations of fourth order*, 416

Sternberg, R. L. *See* Sternberg and Sternberg

Szász, O. *See* Lukacs and Szász

Thrall, R. M. *See* Frame, Robinson and Thrall

Todd, J. A. *See* Shephard and Todd

Tutte, W. T. *A contribution to the theory of chromatic polynomials*, 80  
— *A short proof of the factor theorem for finite graphs*, 347

van der Pol, B. *Note on the gamma function*, 18

Walmsley, C. *Correction to "Null trigonometric series in differential equations"*, 447

Ward, M. *The maximal prime divisors of linear recurrences*, 455

Whiteman, A. L. *The sixteenth power residue character of two*, 364

